

## Answer to iClicker Question #3A

- A. *Evolution only happened in the past; it is not happening now.* FALSE – evolution is always happening; you can't help it. For example, antibiotic resistance in bacteria, insecticide resistance in insects, and immunological evolution in humans.
- B. *Humans are not evolving any more.* FALSE – see (A); every organism is evolving. For example, changes to our immune system in response to the plague, tuberculosis, HIV, etc.
- C. *A disadvantageous allele will always be removed from the population.* FALSE – this is usually true, but in the case of sickle-cell anemia, it is not always true.
- D. *Organisms which are more physically fit will always have more offspring.* FALSE – see the examples of sexual selection where individuals that are less physically fit (dead male spiders, for example) have higher fitness.

So the only correct answer is (E).

## Answer to iClicker Question #3B

All of the examples involve either sperm competition (A, B, and C) or mate preference (D). So the only correct answer is (E).